

Python: module vcs.templateeditorgui

vcs.templateeditorgui

index

```
# The VCS Template GUI controls - templateeditorgui module
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#
# Module:      templateeditorgui module
#
# Copyright:   "See file Legal.htm for copyright information."
#
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#
# Description: PCMDI's VCS GUI template editor.
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Modules

vcs.Canvas vcs.Plegend vcs.Pytickmarks string
MA vcs.Ptext Tkinter sys
vcs.Pboxeslines vcs.Pxlabels cdms
vcs.Pdata vcs.Pxtickmarks gui_support
vcs.Pformat vcs.Pylabels os

Classes

Pmw.Pmw_1_2.lib.PmwGroup.Group(Pmw.Pmw_1_2.lib.PmwBase.MegaWidget)
TemplateAttributeEditor
Pmw.Pmw_1_2.lib.PmwLabeledWidget.LabeledWidget(Pmw.Pmw_1_2.lib.PmwBase.MegaWidget)
SingleEditor
CounterEditor
FloatEditor
SelectionEditor

```
class CounterEditor(SingleEditor)
```

Method resolution order:
CounterEditor

[SingleEditor](#)
[Pmw.Pmw_1_2.lib.PmwLabeledWidget.LabeledWidget](#)
[Pmw.Pmw_1_2.lib.PmwBase.MegaWidget](#)
[Pmw.Pmw_1_2.lib.PmwBase.MegaArchetype](#)

Methods defined here:

__init__(self, parent, name, editor)

changed(self)

color_field(self, color)

get(self)

Return value

set(self, value)

Methods inherited from [SingleEditor](#):

apply(self)

apply_to(self, ta)

is_changed(self)

is_changed_from_original(self)

revert(self)

Methods inherited from [Pmw.Pmw_1_2.lib.PmwLabeledWidget.LabeledWidget](#):

interior(self)

Methods inherited from [Pmw.Pmw_1_2.lib.PmwBase.MegaWidget](#):

after(this, *args, **kw)

after_cancel(this, *args, **kw)

after_idle(this, *args, **kw)

bbox(this, *args, **kw)

bell(this, *args, **kw)

bind(this, *args, **kw)

bind_all(this, *args, **kw)

bind_class(this, *args, **kw)

bindtags(this, *args, **kw)
clipboard_append(this, *args, **kw)
clipboard_clear(this, *args, **kw)
colormodel(this, *args, **kw)
columnconfigure(this, *args, **kw)
config(this, *args, **kw)
deletecommand(this, *args, **kw)
event_add(this, *args, **kw)
event_delete(this, *args, **kw)
event_generate(this, *args, **kw)
event_info(this, *args, **kw)
focus(this, *args, **kw)
focus_displayof(this, *args, **kw)
focus_force(this, *args, **kw)
focus_get(this, *args, **kw)
focus_lastfor(this, *args, **kw)
focus_set(this, *args, **kw)
forget(this, *args, **kw)
getboolean(this, *args, **kw)
getvar(this, *args, **kw)
grab_current(this, *args, **kw)
grab_release(this, *args, **kw)
grab_set(this, *args, **kw)
grab_set_global(this, *args, **kw)
grab_status(this, *args, **kw)
grid(this, *args, **kw)

grid_bbox(this, *args, **kw)
grid_columnconfigure(this, *args, **kw)
grid_configure(this, *args, **kw)
grid_forget(this, *args, **kw)
grid_info(this, *args, **kw)
grid_location(this, *args, **kw)
grid_propagate(this, *args, **kw)
grid_remove(this, *args, **kw)
grid_rowconfigure(this, *args, **kw)
grid_size(this, *args, **kw)
grid_slaves(this, *args, **kw)
image_names(this, *args, **kw)
image_types(this, *args, **kw)
info(this, *args, **kw)
keys(this, *args, **kw)
lift(this, *args, **kw)
lower(this, *args, **kw)
mainloop(this, *args, **kw)
nametowidget(this, *args, **kw)
option_add(this, *args, **kw)
option_clear(this, *args, **kw)
option_get(this, *args, **kw)
option_readfile(this, *args, **kw)
pack(this, *args, **kw)
pack_configure(this, *args, **kw)
pack_forget(this, *args, **kw)

```
pack_info(this, *args, **kw)
pack_propagate(this, *args, **kw)
pack_slaves(this, *args, **kw)
place(this, *args, **kw)
place_configure(this, *args, **kw)
place_forget(this, *args, **kw)
place_info(this, *args, **kw)
place_slaves(this, *args, **kw)
propagate(this, *args, **kw)
quit(this, *args, **kw)
register(this, *args, **kw)
rowconfigure(this, *args, **kw)
selection_clear(this, *args, **kw)
selection_get(this, *args, **kw)
selection_handle(this, *args, **kw)
selection_own(this, *args, **kw)
selection_own_get(this, *args, **kw)
send(this, *args, **kw)
setvar(this, *args, **kw)
size(this, *args, **kw)
slaves(this, *args, **kw)
tk_bisque(this, *args, **kw)
tk_focusFollowsMouse(this, *args, **kw)
tk_focusNext(this, *args, **kw)
tk_focusPrev(this, *args, **kw)
tk_menuBar(this, *args, **kw)
```

tk_setPalette(this, *args, **kw)
tk_strictMotif(this, *args, **kw)
tkraise(this, *args, **kw)
unbind(this, *args, **kw)
unbind_all(this, *args, **kw)
unbind_class(this, *args, **kw)
update(this, *args, **kw)
update_idletasks(this, *args, **kw)
wait_variable(this, *args, **kw)
wait_visibility(this, *args, **kw)
wait_window(this, *args, **kw)
waitvar(this, *args, **kw)
winfo_atom(this, *args, **kw)
winfo_atomname(this, *args, **kw)
winfo_cells(this, *args, **kw)
winfo_children(this, *args, **kw)
winfo_class(this, *args, **kw)
winfo_colormapfull(this, *args, **kw)
winfo_containing(this, *args, **kw)
winfo_depth(this, *args, **kw)
winfo_exists(this, *args, **kw)
winfo_fpixels(this, *args, **kw)
winfo_geometry(this, *args, **kw)
winfo_height(this, *args, **kw)
winfo_id(this, *args, **kw)
winfo_interps(this, *args, **kw)

winfo_ismapped(this, *args, **kw)
winfo_manager(this, *args, **kw)
winfo_name(this, *args, **kw)
winfo_parent(this, *args, **kw)
winfo_pathname(this, *args, **kw)
winfo_pixels(this, *args, **kw)
winfo_pointerx(this, *args, **kw)
winfo_pointery(this, *args, **kw)
winfo_reqheight(this, *args, **kw)
winfo_reqwidth(this, *args, **kw)
winfo_rgb(this, *args, **kw)
winfo_rootx(this, *args, **kw)
winfo_rooty(this, *args, **kw)
winfo_screen(this, *args, **kw)
winfo_screencells(this, *args, **kw)
winfo_screendepth(this, *args, **kw)
winfo_screenheight(this, *args, **kw)
winfo_screenmmheight(this, *args, **kw)
winfo_screenmmwidth(this, *args, **kw)
winfo_screenvisual(this, *args, **kw)
winfo_screenwidth(this, *args, **kw)
winfo_server(this, *args, **kw)
winfo_toplevel(this, *args, **kw)
winfo_viewable(this, *args, **kw)
winfo_visual(this, *args, **kw)

```
winfo_visualid(this, *args, **kw)

winfo_visualsavailable(this, *args, **kw)

winfo_vrootheight(this, *args, **kw)

winfo_vrootwidth(this, *args, **kw)

winfo_vrootx(this, *args, **kw)

winfo_vrooty(this, *args, **kw)

winfo_width(this, *args, **kw)

winfo_x(this, *args, **kw)

winfo_y(this, *args, **kw)
```

Methods inherited from [_Pmw.Pmw_1_2.lib.PmwBase.MegaArchetype](#):

```
__getitem__ = cget(self, option)

__setitem__(self, key, value)

__str__(self)

addoptions(self, optionDefs)

cget(self, option)

component(self, name)

componentaliases(self)

componentgroup(self, name)

components(self)

configure(self, option=None, **kw)

createcomponent(self, componentName, componentAliases, componentGroup,
widgetClass, *widgetArgs, **kw)

createlabel(self, parent, childCols=1, childRows=1)

defineoptions(self, keywords, optionDefs, dynamicGroups=())

destroy(self)

destroycomponent(self, name)

hulldestroyed(self)
```

initialiseoptions(self, dummy=None)

isinitoption(self, option)

options(self)

class ***FloatEditor***(SingleEditor)

Method resolution order:

FloatEditor
SingleEditor
Pmw.Pmw_1_2.lib.PmwLabeledWidget.LabeledWidget
Pmw.Pmw_1_2.lib.PmwBase.MegaWidget
Pmw.Pmw_1_2.lib.PmwBase.MegaArchetype

Methods defined here:

__init__(self, parent, name, editor)

changed(self)

color_field(self, color)

colorize(self, value)

format(self, value)

get(self)

Return value

is_changed(self)

is_changed_from_original(self)

set(self, value)

Methods inherited from SingleEditor:

apply(self)

apply_to(self, ta)

revert(self)

Methods inherited from Pmw.Pmw_1_2.lib.PmwLabeledWidget.LabeledWidget:

interior(self)

Methods inherited from Pmw.Pmw_1_2.lib.PmwBase.MegaWidget:

after(this, *args, **kw)
after_cancel(this, *args, **kw)
after_idle(this, *args, **kw)
bbox(this, *args, **kw)
bell(this, *args, **kw)
bind(this, *args, **kw)
bind_all(this, *args, **kw)
bind_class(this, *args, **kw)
bindtags(this, *args, **kw)
clipboard_append(this, *args, **kw)
clipboard_clear(this, *args, **kw)
colormodel(this, *args, **kw)
columnconfigure(this, *args, **kw)
config(this, *args, **kw)
deletecommand(this, *args, **kw)
event_add(this, *args, **kw)
event_delete(this, *args, **kw)
event_generate(this, *args, **kw)
event_info(this, *args, **kw)
focus(this, *args, **kw)
focus_displayof(this, *args, **kw)
focus_force(this, *args, **kw)
focus_get(this, *args, **kw)
focus_lastfor(this, *args, **kw)
focus_set(this, *args, **kw)
forget(this, *args, **kw)

```
getboolean(this, *args, **kw)

getvar(this, *args, **kw)

grab_current(this, *args, **kw)

grab_release(this, *args, **kw)

grab_set(this, *args, **kw)

grab_set_global(this, *args, **kw)

grab_status(this, *args, **kw)

grid(this, *args, **kw)

grid_bbox(this, *args, **kw)

grid_columnconfigure(this, *args, **kw)

grid_configure(this, *args, **kw)

grid_forget(this, *args, **kw)

grid_info(this, *args, **kw)

grid_location(this, *args, **kw)

grid_propagate(this, *args, **kw)

grid_remove(this, *args, **kw)

grid_rowconfigure(this, *args, **kw)

grid_size(this, *args, **kw)

grid_slaves(this, *args, **kw)

image_names(this, *args, **kw)

image_types(this, *args, **kw)

info(this, *args, **kw)

keys(this, *args, **kw)

lift(this, *args, **kw)

lower(this, *args, **kw)

mainloop(this, *args, **kw)
```

```
nametowidget(this, *args, **kw)

option_add(this, *args, **kw)

option_clear(this, *args, **kw)

option_get(this, *args, **kw)

option_readfile(this, *args, **kw)

pack(this, *args, **kw)

pack_configure(this, *args, **kw)

pack_forget(this, *args, **kw)

pack_info(this, *args, **kw)

pack_propagate(this, *args, **kw)

pack_slaves(this, *args, **kw)

place(this, *args, **kw)

place_configure(this, *args, **kw)

place_forget(this, *args, **kw)

place_info(this, *args, **kw)

place_slaves(this, *args, **kw)

propagate(this, *args, **kw)

quit(this, *args, **kw)

register(this, *args, **kw)

rowconfigure(this, *args, **kw)

selection_clear(this, *args, **kw)

selection_get(this, *args, **kw)

selection_handle(this, *args, **kw)

selection_own(this, *args, **kw)

selection_own_get(this, *args, **kw)

send(this, *args, **kw)
```

```
setvar(this, *args, **kw)

size(this, *args, **kw)

slaves(this, *args, **kw)

tk_bisque(this, *args, **kw)

tk_focusFollowsMouse(this, *args, **kw)

tk_focusNext(this, *args, **kw)

tk_focusPrev(this, *args, **kw)

tk_menuBar(this, *args, **kw)

tk_setPalette(this, *args, **kw)

tk_strictMotif(this, *args, **kw)

tkraise(this, *args, **kw)

unbind(this, *args, **kw)

unbind_all(this, *args, **kw)

unbind_class(this, *args, **kw)

update(this, *args, **kw)

update_idletasks(this, *args, **kw)

wait_variable(this, *args, **kw)

wait_visibility(this, *args, **kw)

wait_window(this, *args, **kw)

waitvar(this, *args, **kw)

winfo_atom(this, *args, **kw)

winfo_atomname(this, *args, **kw)

winfo_cells(this, *args, **kw)

winfo_children(this, *args, **kw)

winfo_class(this, *args, **kw)

winfo_colormapfull(this, *args, **kw)
```

winfo_containing(this, *args, **kw)
winfo_depth(this, *args, **kw)
winfo_exists(this, *args, **kw)
winfo_fpixels(this, *args, **kw)
winfo_geometry(this, *args, **kw)
winfo_height(this, *args, **kw)
winfo_id(this, *args, **kw)
winfo_interps(this, *args, **kw)
winfo_ismapped(this, *args, **kw)
winfo_manager(this, *args, **kw)
winfo_name(this, *args, **kw)
winfo_parent(this, *args, **kw)
winfo.pathname(this, *args, **kw)
winfo_pixels(this, *args, **kw)
winfo_pointerx(this, *args, **kw)
winfo_pointery(this, *args, **kw)
winfo_reqheight(this, *args, **kw)
winfo_reqwidth(this, *args, **kw)
winfo_rgb(this, *args, **kw)
winfo_rootx(this, *args, **kw)
winfo_rooty(this, *args, **kw)
winfo_screen(this, *args, **kw)
winfo_screencells(this, *args, **kw)
winfo_screendepth(this, *args, **kw)
winfo_screenheight(this, *args, **kw)

```
winfo_screenmmheight(this, *args, **kw)

winfo_screenmmwidth(this, *args, **kw)

winfo_screenvisual(this, *args, **kw)

winfo_screenwidth(this, *args, **kw)

winfo_server(this, *args, **kw)

winfo_toplevel(this, *args, **kw)

winfo_viewable(this, *args, **kw)

winfo_visual(this, *args, **kw)

winfo_visualid(this, *args, **kw)

winfo_visualsavailable(this, *args, **kw)

winfo_vrootheight(this, *args, **kw)

winfo_vrootwidth(this, *args, **kw)

winfo_vrootx(this, *args, **kw)

winfo_vrooty(this, *args, **kw)

winfo_width(this, *args, **kw)

winfo_x(this, *args, **kw)

winfo_y(this, *args, **kw)
```

Methods inherited from [_Pmw.Pmw_1_2.lib.PmwBase.MegaArchetype](#):

```
__getitem__ = cget(self, option)

__setitem__(self, key, value)

__str__(self)

addoptions(self, optionDefs)

cget(self, option)

component(self, name)

componentaliases(self)

componentgroup(self, name)
```

components(self)

configure(self, option=None, **kw)

createcomponent(self, componentName, componentAliases, componentGroup, widgetClass, *widgetArgs, **kw)

createlabel(self, parent, childCols=1, childRows=1)

defineoptions(self, keywords, optionDefs, dynamicGroups=())

destroy(self)

destroycomponent(self, name)

hulldestroyed(self)

initialiseoptions(self, dummy=None)

isinitoption(self, option)

options(self)

class *SelectionEditor*(SingleEditor)

Method resolution order:

SelectionEditor
SingleEditor
Pmw.Pmw 1 2.lib.PmwLabeledWidget.LabeledWidget
Pmw.Pmw 1 2.lib.PmwBase.MegaWidget
Pmw.Pmw 1 2.lib.PmwBase.MegaArchetype

Methods defined here:

__init__(self, parent, name, editor)

changed(self, value)

color_field(self, color)

get(self)
Return value

set(self, value)

Methods inherited from SingleEditor:

apply(self)

apply_to(self, ta)

is_changed(self)
is_changed_from_original(self)
revert(self)

Methods inherited from [Pmw.Pmw_1_2.lib.PmwLabeledWidget.LabeledWidget](#):

interior(self)

Methods inherited from [Pmw.Pmw_1_2.lib.PmwBase.MegaWidget](#):

after(this, *args, **kw)
after_cancel(this, *args, **kw)
after_idle(this, *args, **kw)
bbox(this, *args, **kw)
bell(this, *args, **kw)
bind(this, *args, **kw)
bind_all(this, *args, **kw)
bind_class(this, *args, **kw)
bindtags(this, *args, **kw)
clipboard_append(this, *args, **kw)
clipboard_clear(this, *args, **kw)
colormodel(this, *args, **kw)
columnconfigure(this, *args, **kw)
config(this, *args, **kw)
deletecommand(this, *args, **kw)
event_add(this, *args, **kw)
event_delete(this, *args, **kw)
event_generate(this, *args, **kw)
event_info(this, *args, **kw)
focus(this, *args, **kw)

```
focus_displayof(this, *args, **kw)

focus_force(this, *args, **kw)

focus_get(this, *args, **kw)

focus_lastfor(this, *args, **kw)

focus_set(this, *args, **kw)

forget(this, *args, **kw)

getboolean(this, *args, **kw)

getvar(this, *args, **kw)

grab_current(this, *args, **kw)

grab_release(this, *args, **kw)

grab_set(this, *args, **kw)

grab_set_global(this, *args, **kw)

grab_status(this, *args, **kw)

grid(this, *args, **kw)

grid_bbox(this, *args, **kw)

grid_columnconfigure(this, *args, **kw)

grid_configure(this, *args, **kw)

grid_forget(this, *args, **kw)

grid_info(this, *args, **kw)

grid_location(this, *args, **kw)

grid_propagate(this, *args, **kw)

grid_remove(this, *args, **kw)

grid_rowconfigure(this, *args, **kw)

grid_size(this, *args, **kw)

grid_slaves(this, *args, **kw)

image_names(this, *args, **kw)
```

```
image_types(this, *args, **kw)

info(this, *args, **kw)

keys(this, *args, **kw)

lift(this, *args, **kw)

lower(this, *args, **kw)

mainloop(this, *args, **kw)

nametowidget(this, *args, **kw)

option_add(this, *args, **kw)

option_clear(this, *args, **kw)

option_get(this, *args, **kw)

option_readfile(this, *args, **kw)

pack(this, *args, **kw)

pack_configure(this, *args, **kw)

pack_forget(this, *args, **kw)

pack_info(this, *args, **kw)

pack_propagate(this, *args, **kw)

pack_slaves(this, *args, **kw)

place(this, *args, **kw)

place_configure(this, *args, **kw)

place_forget(this, *args, **kw)

place_info(this, *args, **kw)

place_slaves(this, *args, **kw)

propagate(this, *args, **kw)

quit(this, *args, **kw)

register(this, *args, **kw)

rowconfigure(this, *args, **kw)
```

```
selection_clear(this, *args, **kw)

selection_get(this, *args, **kw)

selection_handle(this, *args, **kw)

selection_own(this, *args, **kw)

selection_own_get(this, *args, **kw)

send(this, *args, **kw)

setvar(this, *args, **kw)

size(this, *args, **kw)

slaves(this, *args, **kw)

tk_bisque(this, *args, **kw)

tk_focusFollowsMouse(this, *args, **kw)

tk_focusNext(this, *args, **kw)

tk_focusPrev(this, *args, **kw)

tk_menuBar(this, *args, **kw)

tk_setPalette(this, *args, **kw)

tk_strictMotif(this, *args, **kw)

tkraise(this, *args, **kw)

unbind(this, *args, **kw)

unbind_all(this, *args, **kw)

unbind_class(this, *args, **kw)

update(this, *args, **kw)

update_idletasks(this, *args, **kw)

wait_variable(this, *args, **kw)

wait_visibility(this, *args, **kw)

wait_window(this, *args, **kw)

waitvar(this, *args, **kw)
```

```
winfo_atom(this, *args, **kw)

winfo_atomname(this, *args, **kw)

winfo_cells(this, *args, **kw)

winfo_children(this, *args, **kw)

winfo_class(this, *args, **kw)

winfo_colormapfull(this, *args, **kw)

winfo_containing(this, *args, **kw)

winfo_depth(this, *args, **kw)

winfo_exists(this, *args, **kw)

winfo_fpixels(this, *args, **kw)

winfo_geometry(this, *args, **kw)

winfo_height(this, *args, **kw)

winfo_id(this, *args, **kw)

winfo_interps(this, *args, **kw)

winfo_ismapped(this, *args, **kw)

winfo_manager(this, *args, **kw)

winfo_name(this, *args, **kw)

winfo_parent(this, *args, **kw)

winfo_pathname(this, *args, **kw)

winfo_pixels(this, *args, **kw)

winfo_pointerx(this, *args, **kw)

winfo_pointery(this, *args, **kw)

winfo_reqheight(this, *args, **kw)

winfo_reqwidth(this, *args, **kw)

winfo_rgb(this, *args, **kw)
```

winfo_rootx(this, *args, **kw)
winfo_rooty(this, *args, **kw)
winfo_screen(this, *args, **kw)
winfo_screencells(this, *args, **kw)
winfo_screendepth(this, *args, **kw)
winfo_screenheight(this, *args, **kw)
winfo_screenmmheight(this, *args, **kw)
winfo_screenmmwidth(this, *args, **kw)
winfo_screenvisual(this, *args, **kw)
winfo_screenwidth(this, *args, **kw)
winfo_server(this, *args, **kw)
winfo_toplevel(this, *args, **kw)
winfo_viewable(this, *args, **kw)
winfo_visual(this, *args, **kw)
winfo_visualid(this, *args, **kw)
winfo_visualsavailable(this, *args, **kw)
winfo_vrootheight(this, *args, **kw)
winfo_vrootwidth(this, *args, **kw)
winfo_vrootx(this, *args, **kw)
winfo_vrooty(this, *args, **kw)
winfo_width(this, *args, **kw)
winfo_x(this, *args, **kw)
winfo_y(this, *args, **kw)

Methods inherited from [_Pmw.Pmw_1_2.lib.PmwBase.MegaArchetype](#):

__getitem__ = cget(self, option)
__setitem__(self, key, value)

```
__str__(self)
addoptions(self, optionDefs)
cget(self, option)
component(self, name)
componentaliases(self)
componentgroup(self, name)
components(self)
configure(self, option=None, **kw)
createcomponent(self, componentName, componentAliases, componentGroup,
widgetClass, *widgetArgs, **kw)
createlabel(self, parent, childCols=1, childRows=1)
defineoptions(self, keywords, optionDefs, dynamicGroups=())
destroy(self)
destroycomponent(self, name)
hulldestroyed(self)
initialiseoptions(self, dummy=None)
isinitoption(self, option)
options(self)
```

class ***SingleEditor***(Pmw.Pmw_1_2.lib.PmwLabeledWidget.LabeledWidget)

An editor for a single quantity.

Method resolution order:

SingleEditor
Pmw.Pmw_1_2.lib.PmwLabeledWidget.LabeledWidget
Pmw.Pmw_1_2.lib.PmwBase.MegaWidget
Pmw.Pmw_1_2.lib.PmwBase.MegaArchetype

Methods defined here:

```
__init__(self, parent, name, editor)
apply(self)
```

apply_to(self, ta)
color_field(self, color)
is_changed(self)
is_changed_from_original(self)
revert(self)

Methods inherited from [Pmw.Pmw_1_2.lib.PmwLabeledWidget.LabeledWidget](#):

interior(self)

Methods inherited from [Pmw.Pmw_1_2.lib.PmwBase.MegaWidget](#):

after(this, *args, **kw)
after_cancel(this, *args, **kw)
after_idle(this, *args, **kw)
bbox(this, *args, **kw)
bell(this, *args, **kw)
bind(this, *args, **kw)
bind_all(this, *args, **kw)
bind_class(this, *args, **kw)
bindtags(this, *args, **kw)
clipboard_append(this, *args, **kw)
clipboard_clear(this, *args, **kw)
colormodel(this, *args, **kw)
columnconfigure(this, *args, **kw)
config(this, *args, **kw)
deletecommand(this, *args, **kw)
event_add(this, *args, **kw)
event_delete(this, *args, **kw)
event_generate(this, *args, **kw)

```
event_info(this, *args, **kw)

focus(this, *args, **kw)

focus_displayof(this, *args, **kw)

focus_force(this, *args, **kw)

focus_get(this, *args, **kw)

focus_lastfor(this, *args, **kw)

focus_set(this, *args, **kw)

forget(this, *args, **kw)

getboolean(this, *args, **kw)

getvar(this, *args, **kw)

grab_current(this, *args, **kw)

grab_release(this, *args, **kw)

grab_set(this, *args, **kw)

grab_set_global(this, *args, **kw)

grab_status(this, *args, **kw)

grid(this, *args, **kw)

grid_bbox(this, *args, **kw)

grid_columnconfigure(this, *args, **kw)

grid_configure(this, *args, **kw)

grid_forget(this, *args, **kw)

grid_info(this, *args, **kw)

grid_location(this, *args, **kw)

grid_propagate(this, *args, **kw)

grid_remove(this, *args, **kw)

grid_rowconfigure(this, *args, **kw)

grid_size(this, *args, **kw)
```

```
grid_slaves(this, *args, **kw)

image_names(this, *args, **kw)

image_types(this, *args, **kw)

info(this, *args, **kw)

keys(this, *args, **kw)

lift(this, *args, **kw)

lower(this, *args, **kw)

mainloop(this, *args, **kw)

nametowidget(this, *args, **kw)

option_add(this, *args, **kw)

option_clear(this, *args, **kw)

option_get(this, *args, **kw)

option_readfile(this, *args, **kw)

pack(this, *args, **kw)

pack_configure(this, *args, **kw)

pack_forget(this, *args, **kw)

pack_info(this, *args, **kw)

pack_propagate(this, *args, **kw)

pack_slaves(this, *args, **kw)

place(this, *args, **kw)

place_configure(this, *args, **kw)

place_forget(this, *args, **kw)

place_info(this, *args, **kw)

place_slaves(this, *args, **kw)

propagate(this, *args, **kw)

quit(this, *args, **kw)
```

```
register(this, *args, **kw)

rowconfigure(this, *args, **kw)

selection_clear(this, *args, **kw)

selection_get(this, *args, **kw)

selection_handle(this, *args, **kw)

selection_own(this, *args, **kw)

selection_own_get(this, *args, **kw)

send(this, *args, **kw)

setvar(this, *args, **kw)

size(this, *args, **kw)

slaves(this, *args, **kw)

tk_bisque(this, *args, **kw)

tk_focusFollowsMouse(this, *args, **kw)

tk_focusNext(this, *args, **kw)

tk_focusPrev(this, *args, **kw)

tk_menuBar(this, *args, **kw)

tk_setPalette(this, *args, **kw)

tk_strictMotif(this, *args, **kw)

tkraise(this, *args, **kw)

unbind(this, *args, **kw)

unbind_all(this, *args, **kw)

unbind_class(this, *args, **kw)

update(this, *args, **kw)

update_idletasks(this, *args, **kw)

wait_variable(this, *args, **kw)

wait_visibility(this, *args, **kw)
```

```
winfo_window(this, *args, **kw)

winfo_var(this, *args, **kw)

winfo_atom(this, *args, **kw)

winfo_atomname(this, *args, **kw)

winfo_cells(this, *args, **kw)

winfo_children(this, *args, **kw)

winfo_class(this, *args, **kw)

winfo_colormapfull(this, *args, **kw)

winfo_containing(this, *args, **kw)

winfo_depth(this, *args, **kw)

winfo_exists(this, *args, **kw)

winfo_fpixels(this, *args, **kw)

winfo_geometry(this, *args, **kw)

winfo_height(this, *args, **kw)

winfo_id(this, *args, **kw)

winfo_interps(this, *args, **kw)

winfo_ismapped(this, *args, **kw)

winfo_manager(this, *args, **kw)

winfo_name(this, *args, **kw)

winfo_parent(this, *args, **kw)

winfo.pathname(this, *args, **kw)

winfo_pixels(this, *args, **kw)

winfo_pointerx(this, *args, **kw)

winfo_pointery(this, *args, **kw)

winfo_reqheight(this, *args, **kw)
```

winfo_reqwidth(this, *args, **kw)
winfo_rgb(this, *args, **kw)
winfo_rootx(this, *args, **kw)
winfo_rooty(this, *args, **kw)
winfo_screen(this, *args, **kw)
winfo_screencells(this, *args, **kw)
winfo_screendepth(this, *args, **kw)
winfo_screenheight(this, *args, **kw)
winfo_screenmmheight(this, *args, **kw)
winfo_screenmmwidth(this, *args, **kw)
winfo_screenvisual(this, *args, **kw)
winfoScreenWidth(this, *args, **kw)
winfo_server(this, *args, **kw)
winfo_toplevel(this, *args, **kw)
winfo_viewable(this, *args, **kw)
winfo_visual(this, *args, **kw)
winfo_visualid(this, *args, **kw)
winfo_visualsavailable(this, *args, **kw)
winfo_vrootheight(this, *args, **kw)
winfo_vrootwidth(this, *args, **kw)
winfo_vrootx(this, *args, **kw)
winfo_vrooty(this, *args, **kw)
winfo_width(this, *args, **kw)
winfo_x(this, *args, **kw)
winfo_y(this, *args, **kw)

Methods inherited from [_Pmw.Pmw_1_2.lib.PmwBase.MegaArchetype](#):

```
__getitem__ = cget(self, option)

__setitem__(self, key, value)

__str__(self)

addoptions(self, optionDefs)

cget(self, option)

component(self, name)

componentaliases(self)

componentgroup(self, name)

components(self)

configure(self, option=None, **kw)

createcomponent(self, componentName, componentAliases, componentGroup,
widgetClass, *widgetArgs, **kw)

createlabel(self, parent, childCols=1, childRows=1)

defineoptions(self, keywords, optionDefs, dynamicGroups=())

destroy(self)

destroycomponent(self, name)

hulldestroyed(self)

initialiseoptions(self, dummy=None)

isinitoption(self, option)

options(self)
```

```
class TemplateAttributeEditor(Pmw.Pmw_1_2.lib.PmwGroup.Group)
```

```
An entry widget for an attribute of the template.
```

Method resolution order:

TemplateAttributeEditor
Pmw.Pmw_1_2.lib.PmwGroup.Group
Pmw.Pmw_1_2.lib.PmwBase.MegaWidget
Pmw.Pmw_1_2.lib.PmwBase.MegaArchetype

Methods defined here:

__init__(self, parent, template_editor, v, members)

apply(self)
Save the value from the display into the template.

apply_to(self, t)
Save the value from the display into the template t.

is_changed(self)
Are any of the entries of this attribute changed?

is_changed_from_original(self)
Are any of the entries of this attribute changed?

priority_check(self)

revert(self)
Set everything back to the original value.

Methods inherited from [Pmw.Pmw 1.2.lib.PmwGroup.Group](#):

collapse(self)

expand(self)

interior(self)

toggle(self)

Methods inherited from [Pmw.Pmw 1.2.lib.PmwBase.MegaWidget](#):

after(this, *args, **kw)

after_cancel(this, *args, **kw)

after_idle(this, *args, **kw)

bbox(this, *args, **kw)

bell(this, *args, **kw)

bind(this, *args, **kw)

bind_all(this, *args, **kw)

bind_class(this, *args, **kw)

bindtags(this, *args, **kw)

clipboard_append(this, *args, **kw)

```
clipboard_clear(this, *args, **kw)

colormodel(this, *args, **kw)

columnconfigure(this, *args, **kw)

config(this, *args, **kw)

deletecommand(this, *args, **kw)

event_add(this, *args, **kw)

event_delete(this, *args, **kw)

event_generate(this, *args, **kw)

event_info(this, *args, **kw)

focus(this, *args, **kw)

focus_displayof(this, *args, **kw)

focus_force(this, *args, **kw)

focus_get(this, *args, **kw)

focus_lastfor(this, *args, **kw)

focus_set(this, *args, **kw)

forget(this, *args, **kw)

getboolean(this, *args, **kw)

getvar(this, *args, **kw)

grab_current(this, *args, **kw)

grab_release(this, *args, **kw)

grab_set(this, *args, **kw)

grab_set_global(this, *args, **kw)

grab_status(this, *args, **kw)

grid(this, *args, **kw)

grid_bbox(this, *args, **kw)

grid_columnconfigure(this, *args, **kw)
```

```
grid_configure(this, *args, **kw)
grid_forget(this, *args, **kw)
grid_info(this, *args, **kw)
grid_location(this, *args, **kw)
grid_propagate(this, *args, **kw)
grid_remove(this, *args, **kw)
grid_rowconfigure(this, *args, **kw)
grid_size(this, *args, **kw)
grid_slaves(this, *args, **kw)
image_names(this, *args, **kw)
image_types(this, *args, **kw)
info(this, *args, **kw)
keys(this, *args, **kw)
lift(this, *args, **kw)
lower(this, *args, **kw)
mainloop(this, *args, **kw)
nametowidget(this, *args, **kw)
option_add(this, *args, **kw)
option_clear(this, *args, **kw)
option_get(this, *args, **kw)
option_readfile(this, *args, **kw)
pack(this, *args, **kw)
pack_configure(this, *args, **kw)
pack_forget(this, *args, **kw)
pack_info(this, *args, **kw)
pack_propagate(this, *args, **kw)
```

```
pack_slaves(this, *args, **kw)

place(this, *args, **kw)

place_configure(this, *args, **kw)

place_forget(this, *args, **kw)

place_info(this, *args, **kw)

place_slaves(this, *args, **kw)

propagate(this, *args, **kw)

quit(this, *args, **kw)

register(this, *args, **kw)

rowconfigure(this, *args, **kw)

selection_clear(this, *args, **kw)

selection_get(this, *args, **kw)

selection_handle(this, *args, **kw)

selection_own(this, *args, **kw)

selection_own_get(this, *args, **kw)

send(this, *args, **kw)

setvar(this, *args, **kw)

size(this, *args, **kw)

slaves(this, *args, **kw)

tk_bisque(this, *args, **kw)

tk_focusFollowsMouse(this, *args, **kw)

tk_focusNext(this, *args, **kw)

tk_focusPrev(this, *args, **kw)

tk_menuBar(this, *args, **kw)

tk_setPalette(this, *args, **kw)

tk_strictMotif(this, *args, **kw)
```

```
tkraise(this, *args, **kw)

unbind(this, *args, **kw)

unbind_all(this, *args, **kw)

unbind_class(this, *args, **kw)

update(this, *args, **kw)

update_idletasks(this, *args, **kw)

wait_variable(this, *args, **kw)

wait_visibility(this, *args, **kw)

wait_window(this, *args, **kw)

waitvar(this, *args, **kw)

winfo_atom(this, *args, **kw)

winfo_atomname(this, *args, **kw)

winfo_cells(this, *args, **kw)

winfo_children(this, *args, **kw)

winfo_class(this, *args, **kw)

winfo_colormapfull(this, *args, **kw)

winfo_containing(this, *args, **kw)

winfo_depth(this, *args, **kw)

winfo_exists(this, *args, **kw)

winfo_fpixels(this, *args, **kw)

winfo_geometry(this, *args, **kw)

winfo_height(this, *args, **kw)

winfo_id(this, *args, **kw)

winfo_interps(this, *args, **kw)

winfo_ismapped(this, *args, **kw)

winfo_manager(this, *args, **kw)
```

winfo_name(this, *args, **kw)
winfo_parent(this, *args, **kw)
winfo.pathname(this, *args, **kw)
winfo_pixels(this, *args, **kw)
winfo_pointerx(this, *args, **kw)
winfo_pointery(this, *args, **kw)
winfo_reqheight(this, *args, **kw)
winfo_reqwidth(this, *args, **kw)
winfo_rgb(this, *args, **kw)
winfo_rootx(this, *args, **kw)
winfo_rooty(this, *args, **kw)
winfo_screen(this, *args, **kw)
winfo_screencells(this, *args, **kw)
winfo_screendepth(this, *args, **kw)
winfo_screenheight(this, *args, **kw)
winfo_screenmmheight(this, *args, **kw)
winfo_screenmmwidth(this, *args, **kw)
winfo_screenvisual(this, *args, **kw)
winfo_screenwidth(this, *args, **kw)
winfo_server(this, *args, **kw)
winfo_toplevel(this, *args, **kw)
winfo_viewable(this, *args, **kw)
winfo_visual(this, *args, **kw)
winfo_visualid(this, *args, **kw)
winfo_visualsavailable(this, *args, **kw)

```
winfo_vrootheight(this, *args, **kw)  
winfo_vrootwidth(this, *args, **kw)  
winfo_vrootx(this, *args, **kw)  
winfo_vrooty(this, *args, **kw)  
winfo_width(this, *args, **kw)  
winfo_x(this, *args, **kw)  
winfo_y(this, *args, **kw)
```

Methods inherited from [_Pmw.Pmw_1_2.lib.PmwBase.MegaArchetype](#):

```
__getitem__ = cget(self, option)  
__setitem__(self, key, value)  
__str__(self)  
addoptions(self, optionDefs)  
cget(self, option)  
component(self, name)  
componentaliases(self)  
componentgroup(self, name)  
components(self)  
configure(self, option=None, **kw)  
createcomponent(self, componentName, componentAliases, componentGroup,  
    widgetClass, *widgetArgs, **kw)  
createlabel(self, parent, childCols=1, childRows=1)  
defineoptions(self, keywords, optionDefs, dynamicGroups=())  
destroy(self)  
destroycomponent(self, name)  
hulldestroyed(self)  
initialiseoptions(self, dummy=None)  
isinitoption(self, option)
```

options(self)

class ***TemplateEditor***

Template editor gui.

Methods defined here:

__init__(self, canvas=None, template_name='', gui_parent=None, gm='isofill', gm_name='default')

apply(self)

ask_save(self)

Ask user if he wants to save changes, if necessary.

ask_save_execute(self, name)

button_dispatch(self, name)

close(self)

create_dialogs(self)

Create the dialogs to be raised and lowered as required.

create_filemenu(self, main_menu, canvas)

create_help_menu(self, main_menu)

create_page(self, name)

editor_page(self, name, list2d)

evt_about_dialog(self)

evt_command_summary(self)

exit_editor(self)

Invoked for exit and the cancel button

is_changed(self)

Has a modification been made?

is_changed_from_original(self)

Has a modification been made from the original?

is_opened(self)

Is this editor open now?

makepages(self, name)

This is called the first time a given page is selected.

```

new_window(self, template_name=")

ok(self)

open(self)

process_template_choice(self, result)

refresh_data(self, attr_name, mem_name, value)

revert(self)

save(self)
    Apply to template. Returns 1 if save was legal.

saveas(self)

savesession(self)

set_title(self)

show(self)
    Show the current situation on the canvas

update_template_selector_list(self)

```

Data and other attributes defined here:

balloon_text = 'This is the VCS template editor. It can edit the...at they were after the template\nwas last opened.\n'

command_summary = 'Open: Work on a new template; close the curren...o (3)\nSession
Save sets (1), (2), and (4) to (1)\n'

Functions

```

create(canvas=None, template_name="", gui_parent=None)
    # Create/Popup template editor for VCS.

```

Data

```

Pmw = <Pmw.Pmw_1_2.lib.PmwLoader.PmwLoader instance>
attribute_explanations = {'box1': 'One of four available boxes you can draw', 'box2': 'One of four available boxes you can draw', 'box3': 'One of four available boxes you can draw', 'box4': 'One of four available boxes you can draw', 'comment1': 'One of four available comment lines.', 'comment2': 'One of four available comment lines.', 'comment3': 'One of four available comment lines.', 'comment4': 'One of four available comment lines.', 'crdate': 'Data creation date', 'crttime': 'Data creation time', ...}

```

```
attribute_labels = {'source': 'file_comment', 'title': 'long_name'}  
entry_editors = {'format': <class vcs.templateeditorgui.SelectionEditor>, 'line': <class  
vcs.templateeditorgui.SelectionEditor>, 'priority': <class vcs.templateeditorgui.CounterEditor>,  
'textorientation': <class vcs.templateeditorgui.SelectionEditor>, 'texttable': <class  
vcs.templateeditorgui.SelectionEditor>, 'x': <class vcs.templateeditorgui.FloatEditor>, 'x1': <class  
vcs.templateeditorgui.FloatEditor>, 'x2': <class vcs.templateeditorgui.FloatEditor>, 'y': <class  
vcs.templateeditorgui.FloatEditor>, 'y1': <class vcs.templateeditorgui.FloatEditor>, ...}  
entry_labels = {'format': 'Format', 'line': 'Line', 'priority': 'Priority', 'textorientation': 'Orientation',  
'texttable': 'Properties', 'x': 'X', 'x1': 'X1', 'x2': 'X2', 'y': 'Y', 'y1': 'Y1', ...}
```